



Preliminary Information

PIP5796A Engine Compartment Tick or Rattle Noise From Purge Solenoid Resonance Through PCV Tube

Models

Brand:	Model:	Model Years:	VIN:		Engine:	Transmissions:
			from	to		
Buick	Enclave	2020 - 2021	All	All	3.6 LFY	All
Chevrolet	Traverse	2020 - 2021	All	All	3.6 LFY	All

Involved Region or Country	North America
Condition	Some customers may comment that they notice a loud ticking or rattle noise coming from the engine compartment area. Upon inspection technician may notice the noise coming from the purge solenoid tube.
Cause	This condition may be caused by pressure pulsations in the purge tube when the purge solenoid is commanded on. These pulsations create an audible rattle/tick noise which can be heard inside or outside the vehicle.

Correction:

To correct this condition, verify the noise is coming from the purge tube by commanding the purge solenoid on and off.

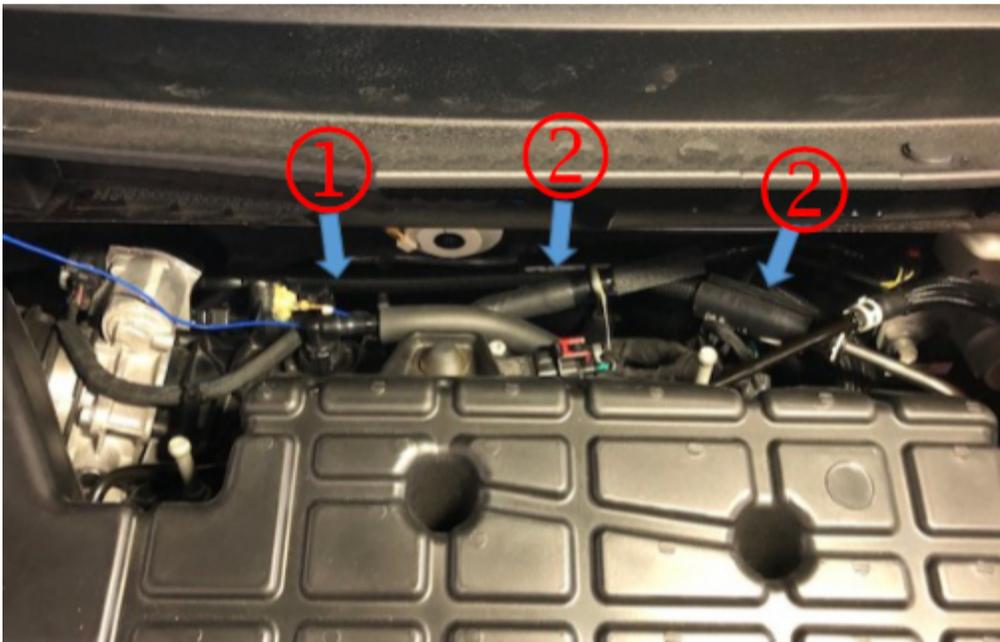
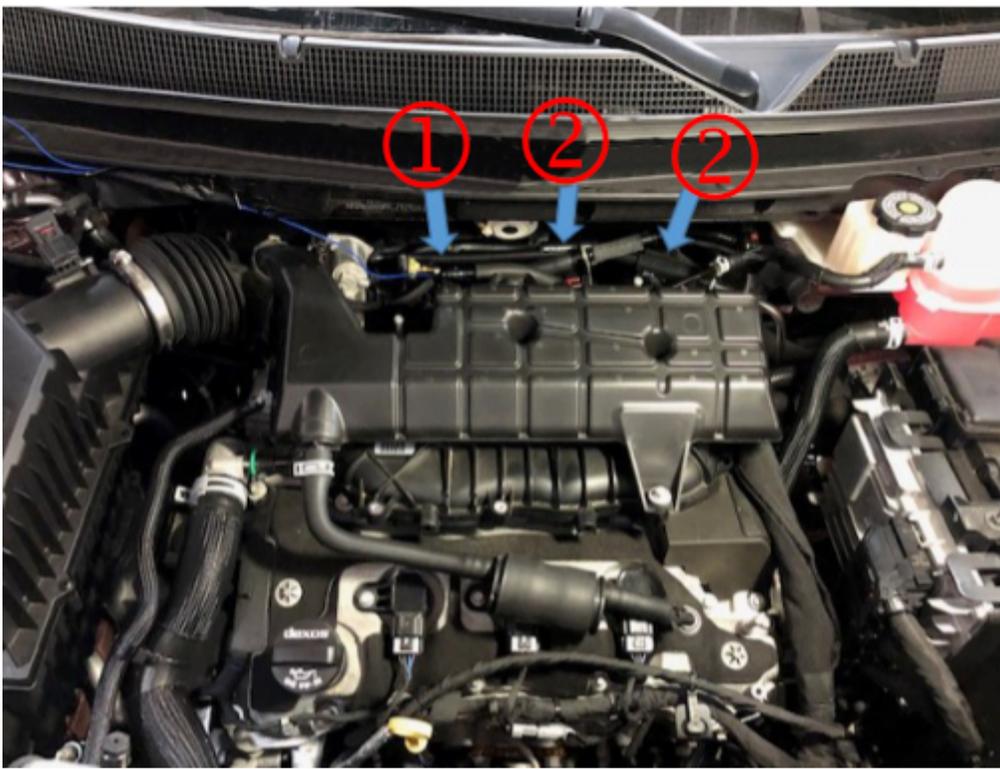
If noise can be duplicated, then it will be necessary to install insulator/dampers on the tube at the locations noted below.

1. Make 2 Insulators/Dampers using 2 pieces of 3/8 inch rubber fuel hose 3 inches long and 2 pieces of 1/2 inch rubber fuel or vacuum/heater hose 3 inches long on the outside of the 3/8 hose.

It will be necessary to split these hoses lengthwise.

2. Install 1 rubber damper at each location noted below using 2 tie straps on each one.

Orientate insulator with seam facing down.



1= Purge Line
2= Dampers

NOTE: This is a temporary repair for customer satisfaction.
When the actual damper becomes available it will further dampen the noise.

NOTE: This PI will become a bulletin when the special part damper is available.

Warranty Information

For vehicles repaired under the Powertrain coverage. Reference the Applicable Warranties section of Investigate Vehicle History (IVH) for coverage information.

Labor Operation	Description	Labor Time
4087838	Install Insulators/ Dampers	0.5 Hrs.
*This is a unique Labor Operation for Bulletin use only.		

Version History

Version	2
Modified	03/30/2021 - Created on. 04/07/2021- Updated to add Labor Operation.



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